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<b>Product name:</b>	PHF1 Rabbit Polyclonal Antibody
<b>Cat number:</b>	ABN16062
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Polyclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	The antiserum was produced against synthesized peptide derived from human PHF1. AA range:345-394
<b>Reactivity:</b>	Human,Mouse,Rat
<b>Applications:</b>	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
<b>Molecular Weight:</b>	62kDa
<b>Purification:</b>	Affinity purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	This gene encodes a Polycomb group protein. The protein is a component of a histone H3 lysine-27 (H3K27)-specific methyltransferase complex, and functions in transcriptional repression of homeotic genes. The protein is also recruited to double-strand breaks, and reduced protein levels results in X-ray sensitivity and increased homologous recombination. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2009],function:Transcriptional repressor. May promote methylation of histone H3 on 'Lys-27' by the PRC2/EED-EZH2 complex.,similarity:Contains 2 PHD-type zinc fingers.,subcellular location:Localizes specifically to the promoters of numerous target genes.,subunit:Interacts with CHMP1 (By similarity). Interacts with the PRC2 complex.,tissue specificity:Highest levels in heart, skeletal muscle, and pancreas, lower levels in brain, placenta, lung, liver and kidney.,